

Abstract

Method for production of a component with a micro-joint and component produced by said method

The method for production of a component with a micro-joint comprises a first step of deposition of a layer of polymer (2) designed to constitute an assembly joint (4) on a transfer substrate (1), a second step of bringing the polymer layer into contact with a micro-structured substrate (3) and a third step of removing the transfer substrate. Due to the difference of the chemical affinity between the polymer layer (2) and the transfer substrate (1) on the one hand and the chemical affinity between the polymer layer (2) and the micro-structured substrate on the other hand, the zones (4) of the polymer layer, which are in contact with the micro-structured substrate (3) during the second step, remain on the micro-structured substrate after the third step. These zones constitute the assembly joint.

(Figure 4)